*** STANDARD CROSS - SLOPE MAY BE VARIED - AS DIRECTED BY THE ENGINEER - TO BEST FIT THE EXISTING ROADWAY AS PER SECTION 149 OF THE STANDARD SPECIFICATIONS. SEE "ALLOWABLE RANGES TABLE " BELOW.

ALLOWABLE RANGES TABLE

FOR THIS PROJECT. CROSS SLOPES THAT ARE ADJUSTED TO "BEST FIT" EXISTING PAVEMENT SLOPES ARE SUBJECT TO THE FOLLOWING LIMITS:

A: NORMAL CROWN

SECTION WITH GRADES 0.5% OR GREATER	SECTION WITH GRADES 0.5% OR LESS
0.0150 FT/FT - MINIMUM	0.0156 FT/FT - MINIMUM
0.0208 FT/FT - DESIRABLE	0.0208 FT/FT - DESIRABLE
0.0250 FT/FT - MAXIMUM	0.0300 FT/FT - MAXIMUM

B: SUPERELEVATION RATE

S.E. RATE SHOWN ON PLANS OR S.E. RATE EXISTING IN FIELD (WHICHEVER IS GREATER)

C: SUPERELEVATION TRANSITION LENGTH (LENGTH FROM FLAT TO FULL S.E.)

	RATE OF CHANGE	CORRESPONDING DIFFERENCE IN GRADE BETWEEN PIVOT POINT AND EDGE OF PAVEMENT
MINIMUM	1:150	0.67%
DESIRABLE	1:200	0.50%
MAXIMUM	1:300	0.33%

*LENGTH SHALL BE SET TO AVOID CREATING A FLAT GUTTER GRADE ON LOW SIDE AND TO AVOID FLAT CROSS - SLOPES AT OR NEAR THE LOW POINT OF VERTICAL CURVES.

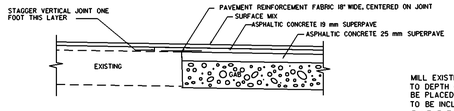
D: POSITIONING OF SUPERELEVATION TRANSITION LENGTH ON SIMPLE CURVES

50% OF TRANSITION INSIDE CURVE - MAXIMUM
33% OF TRANSITION INSIDE CURVE - DESIRABLE
20% OF TRANSITION INSIDE CURVE - MINIMUM

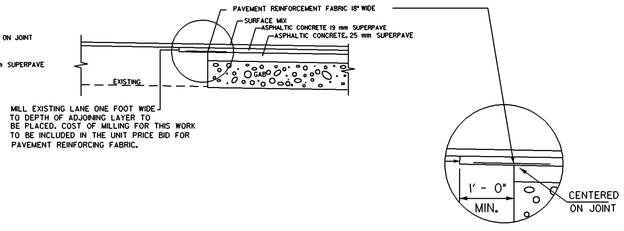
NOTE: CROWN WIPE OUT SHALL BE AT THE SAME RATE AS THE S.E. TRANSITION.

E: SMOOTHING OF BREAKS IN EDGE PROFILE AT BEGIN AND END OF TRANSITION SHALL BE ACCOMPLISHED BY VERTICAL CURVE WITH A MINIMUM LENGTH (IN FEET) EQUAL TO THE SPEED DESIGN (IN MPH).

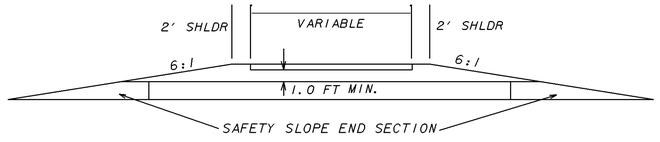
TYPICAL SECTION DETAIL TO BE USED WHEN EXISTING PAVEMENT IS TO BE RESURFACED WITH TWO INCHES OR MORE OF ASPHALTIC CONCRETE



TYPICAL SECTION DETAIL TO BE USED WHEN EXISTING PAVEMENT IS TO BE RESURFACED WITH LESS THAN TWO INCHES OF ASPHALTIC CONCRETE



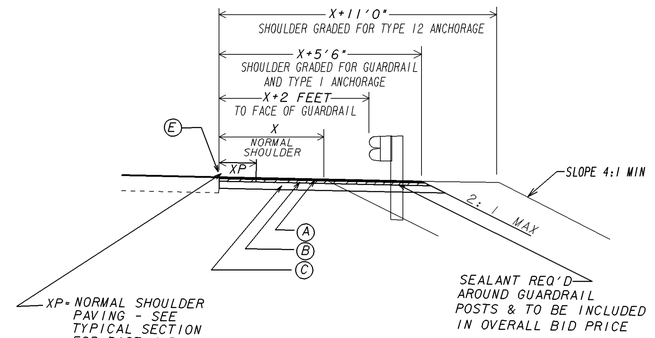
DRIVEWAY TYPICAL SECTION



RESIDENTIAL DRIVEWAYS
ASPHALT DRIVES WILL BE PAVED WITH THE FOLLOWING:
135 lbs/yd² RECYC. ASPH. CONC. 9.5 mm SUPERPAVE
220 lbs/yd² RECYC. ASPH. CONC. 19 mm SUPERPAVE

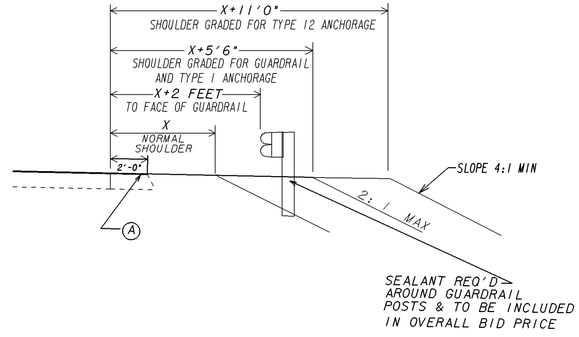
COMMERCIAL DRIVEWAYS
ASPHALT DRIVES WILL BE PAVED WITH THE FOLLOWING:
135 lbs/yd² RECYC. ASPH. CONC. 9.5 mm SUPERPAVE
440 lbs/yd² RECYC. ASPH. CONC. 19 mm SUPERPAVE

CONCRETE DRIVEWAYS
COMMERCIAL DRIVES - 8" CONCRETE
RESIDENTIAL DRIVES - 6" CONCRETE



SHOULDER DETAIL FOR GUARDRAIL
SITES 1 THRU 7 - BOTH SIDES
SITE 8 - LEFT SIDE ONLY

(A) 135 lbs/yd² RECYCLED ASPH. CONCRETE 9.5 mm SUPERPAVE, TYPE I, GP 1 OR BLEND 1, INCL BITUM MATL & H LIME
(B) 220 lbs/yd² RECYCLED ASPH. CONCRETE 19 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
(C) 6" GRADED AGGREGATE BASE COARSE, INCLUDES MATERIALS
(D) RECYCLED ASPH. CONCRETE, LEVELING, INCLUDING BITUM. MATL & H LIME
(E) PAVEMENT REINFORCING FABRIC
(F) GDOT SAFETY EDGE, SEE CONSTRUCTION DETAIL P-7



SHOULDER DETAIL FOR GUARDRAIL
SITE 8 - RIGHT SIDE ONLY

(A) 135 lbs/yd² RECYCLED ASPH. CONCRETE 9.5 mm SUPERPAVE, TYPE I, GP 1 OR BLEND 1, INCL BITUM MATL & H LIME
(B) 220 lbs/yd² RECYCLED ASPH. CONCRETE 19 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
(C) 6" GRADED AGGREGATE BASE COARSE, INCLUDES MATERIALS
(D) RECYCLED ASPH. CONCRETE, LEVELING, INCLUDING BITUM. MATL & H LIME
(E) PAVEMENT REINFORCING FABRIC
(F) GDOT SAFETY EDGE, SEE CONSTRUCTION DETAIL P-7

GPLN

GEORGIA
DEPARTMENT OF TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: DISTRICT 2-TENNILLE

TYPICAL SECTIONS

CSSTP-0006-00 (476)
DODGE - LAURENS CO.

DRAWING No. 05-002